

Release B CDR RID Report

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Document CDR

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Section

Page

Figure Table

Category Name Processing (DPS) Design

Actionee ECS

Sub Category

Subject Moving PGE packages from the SSIT environment to Data Server.

Description of Problem or Suggestion:

PGE packages consist of large numbers (dozens to hundreds) of files of varying types. The SSIT environment provides ClearCase to tie together the proper files, versions and executables. However, there appeared to be no simple mechanism to construct a Science Software Package from the files stored and version-tagged in ClearCase (and the rest of the SSIT environment) in order to insert it into the Data Server. (The only mechanism appears to be file-by-file insert/update services.)

Originator's Recommendation

Provide a SIMPLE means to extract all the files making up a PGE version from the SSIT environment (including the files tagged with that version in ClearCase).

GSFC Response by:

GSFC Response Date

HAIS Response by: M. Mauthe

HAIS Schedule

HAIS R. E. C. Schwartz

HAIS Response Date 5/13/96

There was something lacking in the Science Software Integration and Test design presented at CDR. There existed no capability to move large numbers of files from Clearcase into an SSAP (Science Software Archive Package). Design has been added to correct this deficiency. ClearCase support various views and baselines. The SSIT operator (via ClearCase commands) can create a baseline with all the latest versions of the files that are to be inserted into the SSAP for the PGE. Such a baseline is just a UNIX directory to the outside world, a directory that can be copied from. The SSIT SSAP interface (in the CDR design) allows the user to specify a directory to copy files from and into the SSAP. The user will enter the directory name of the baseline (in ClearCase), select all the files in the directory (via single GUI button), and all of those files will be inserted into the SSAP. The design added to SSIT allows all files from a particular directory (in the case a ClearCase baseline) to be copied into the SSAP at one time. In this way large numbers of files can be added to an SSAP with just a couple of motions with the mouse.

Status Closed

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Sponsor Kempler

***** Attachment if any *****